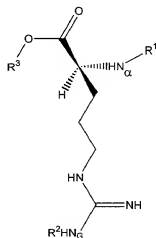


ABSTRACT OF THE DISCLOSURE

A compound of the formula (I)



(I) wherein R¹ is a protecting group for N α ,

R² is a protecting group for N β , and R³ is aryl, and wherein the compound of formula (I) is a trypsin substrate such that trypsin cleaves the O-C single bond, which liberates R³-OH; a diagnostic device comprising same; a method for preparing the diagnostic device; and a method of using the diagnostic device to detect levels of urinary trypsin inhibitor in a biological sample; and a diagnostic kit for detecting levels of urinary trypsin inhibitor in a biological sample.